

**RESURFACING/REPAIR OF TOWN STREETS / SINGLE SURFACE TREATMENT**  
**APRIL 2016**  
**TOWN OF LEWISVILLE**

Dear Sir/Madame:

Please review the enclosed materials to determine if you would like to submit a bid to repair/resurface Town roads per attached surface treatment specifications with a 1 ½ or 2" overlay and full depth patching as indicated. Bids should also include adjusting valve boxes/manholes as needed and core samples. The list of streets to be repaired as well as the patch locations is attached.

Please look at the items below and provide the information for each item. Please provide a cost for each item and a total cost for all 8 items together.

I thank you for giving this project your attention. If you wish to have your proposal considered, please submit your sealed bid to the Lewisville Town Hall no later than 12:00 P.M. on Wednesday May 4, 2016. Should you have any questions or wish to discuss your concerns about this project, please feel free to call me at 336-945-1020

Sincerely,

George Hauser III  
Public Works Director

**Item 1 - Tom St.**

Single Surface Treatment approximately 1,711 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 1,711 sq. yds. of hot plant mix 9.5B **-2 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 754 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 1 \$ \_\_\_\_\_

**Item 2 - Ravencliff Ct.**

**Full Depth Pavement Entire Road**

Placement of approximately 815 sq. yds. of binder -2 inches thick.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 815 sq. yds. of hot plant mix 9.5B -2 inches thick.

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 2 \$ \_\_\_\_\_

**Item 3 - Flintridge Dr.**

Single Surface Treatment approximately 1,931 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 1,931 sq. yds. of hot plant mix 9.5B **-2 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 247 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 3 \$ \_\_\_\_\_

**Item 4 - Tarawood Dr.**

Single Surface Treatment approximately 2,984 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 2,984 sq. yds. of hot plant mix 9.5B **-2 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 375 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 4 \$ \_\_\_\_\_

**Item 5 - Amber Forest Ln.**

Single Surface Treatment approximately 2,693 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 2,693 sq. yds. of hot plant mix 9.5B **-2 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 627 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 5 \$ \_\_\_\_\_

**Item 6 - Cutters Creek Dr.**

Single Surface Treatment approximately 1,452 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 1,452 sq. yds. of hot plant mix 9.5B **-1.5 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 8 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 6 \$ \_\_\_\_\_

**Item 7 - Cutters Creek Ct.**

Single Surface Treatment approximately 2,855 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 2,855 sq. yds. of hot plant mix 9.5B **-1.5 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 481 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 7 \$ \_\_\_\_\_

**Item 8 - Fairfield Creek Dr.**

Single Surface Treatment approximately 282 sq. yds.

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Placement of approximately 282 sq. yds. of hot plant mix 9.5B **-2 inches thick.**

Tons of Hot Plant Mix 9.5B \_\_\_\_\_ Per Ton \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Full Depth Patch approximately 481 Sq. Yds. as marked

Measured Sq. Yds. by contractor \_\_\_\_\_ Per Sq. Yd. \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Total Item 8 \$ \_\_\_\_\_

**Total cost items 1-8**

\$ \_\_\_\_\_, \_\_\_\_\_ Dollars

1. Scope of Work:

- a. Inform residents of major repair work to be done at least two days prior to start of work.
- b. Traffic to be maintained at all times and is not to be interfered with during peak hour traffic flow, generally considered to be between 7:00 a.m. to 9:00 a.m. & 4:00 p.m. to 6:00 p.m. All traffic control devices are to be in accordance with the latest edition of **The Manual on Uniform Traffic Control Devices.**
- c. Location of underground utilities is the responsibility of the contractor
  - i. All asphalt placement shall be done to NCDOT standards.
  - ii. Backfill shoulders with topsoil as necessary, dress, seed and mulch .
  - iii. Dispose of all excess materials and debris off site

2. Specifications:

- 3.1 The Contractor will submit an approved mix design for 9.5B hot asphalt.
- 3.2 The depth of the asphalt on roll gutter will be the same depth of asphalt required on the street.
- 3.3 Square valve boxes will be placed parallel to the street being paved.
- 3.4 Bricks placed below manhole rings will not be staggered. A complete circle of brick will be placed with mortar joints 3/8-inch in width. All debris from structure adjustment will be cleaned up the same day.
- 3.5 All structures will be set to a grade of 1/8-inch/10-feet.
- 3.6 All concrete used to secure structures will be 3,000 psi.
- 3.7 A minimum of a 12-inch vertical cut will be made around all structures that are to be adjusted.
- 3.8 Prior to paving, the Contractor will be responsible for cleaning all excess stone, dirt, leaves, and grass from the street.
- 3.9 All existing asphalt on structures to be adjusted will be removed by the Contractor before the structure is set to grade.
- 3.10 After the street is paved the Contractor will clean excess asphalt and stone from the street and sidewalk area or shoulder area and backfill shoulders with topsoil. Grade and seed shoulders as necessary. Clean up will be completed no later than one week after the street is resurfaced.
- 3.11 Use a rubber tire roller when applying seal and on resurfacing between lead roller and finish roller.
- 3.12 Begin resurfacing a street within one week of cold milling it.
- 3.13 The Contractor will be responsible for all private company structures such as gas, telephone and power.
- 3.14 Contractor is to include pricing for adjusting water valve boxes and other structures as needed.
- 3.15 The riser provider will measure each structure to ensure that all risers will be the correct height, If Contractor does not match the riser when the street is resurfaced, the Contractor will be responsible for adjusting the structure to match the new road surface..
- 3.16 No work will be allowed on holidays observed by the Town unless authorized by the Town Manager. The City observes the following holidays: New Year's Day, Martin Luther King's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day following Thanksgiving Day and Christmas Day.

3. Specifications for Surface Treatments

The following materials shall be used in the quantities specified as directed by the Town's Public Works Director or his designated representative prior to all streets being resurfaced.

**The surface treatment shall be placed a minimum of 48 hours prior to the hot plant mix overlay and SHALL NOT be placed more than 10 calendar days prior to the overlay.** All clean up of the stone aggregate whipped off by street traffic whether in excess on the pavement or thrown to the shoulder of the road shall be the responsibility of the contractor.

Price for each treatment shall be clearly indicated in the Proposal Section of this bid and will be for the benefit of the Town in determining the cost of each individual treatment.

SINGLE SURFACE TREATMENT

1/4" maximum aggregate size (No. 14 stone) at a rate of 15 to 20 lbs. of aggregate per square yard placed over 0.15 to 0.30 gallons of CRS-2P asphalt per square yard.

~~DOUBLE SURFACE TREATMENT~~

~~The first course shall have an aggregate size not to exceed 1/2" (No. 78 stone) at the rate of 25 to 30 lbs. of aggregate per square yard placed over 0.25 to 0.30 gallons of CRS-2P asphalt per square yard. The second course shall be as specified for the Single Surface Treatment.~~